

11

Warrington  
Rural District Council

ANNUAL  
REPORT  
ON THE WORK OF THE  
PUBLIC HEALTH  
DEPARTMENT  
FOR THE YEAR 1970





WARRINGTON RURAL DISTRICT COUNCIL

\* \* \* \* \*  
\* \* \* \* \*

A N N U A L R E P O R T

on the work of

P U B L I C H E A L T H

D E P A R T M E N T

FOR THE YEAR 1970

\* \* \* \* \*  
\* \* \* \* \*



Digitized by the Internet Archive  
in 2018 with funding from  
Wellcome Library

<https://archive.org/details/b30236265>

WARRINGTON RURAL DISTRICT COUNCIL

CHAIRMAN

Councillor R. Stuart (Until May)

Councillor Mrs. A.M. Fairclough (Since May)

VICE-CHAIRMAN

Councillor Mrs. A.M. Fairclough (Until May)

Councillor Mrs. A Stapleton (Since May)

Chairman, Health Committee - Councillor Walter C. Farrington

MEMBERS OF THE COUNCIL

\*\*\*\*\*

|   |                                |
|---|--------------------------------|
| Councillor Mrs. A.M. Fairclough             | Burtonwood (North)             |
| Councillor W.R. Scorer (Until May)          | Burtonwood (South)             |
| Councillor F. Phillips (Since May)          | Burtonwood (South)             |
| Councillor J.C. Warburton J.P.              | Croft (Risley)                 |
| Councillor P.T.F. Birchall                  | Croft (Southworth)             |
| Councillor R.A. Humphreys                   | Cuerdley                       |
| Councillor J. Hurley                        | Great Sankey (East)            |
| Councillor R. Stuart                        | Great Sankey (West)            |
| Councillor A.W. Loxham (Until May)          | Penketh (East)                 |
| Councillor J. Walsh (Since May)             | Penketh (East)                 |
| Councillor F. Urey                          | Penketh (West)                 |
| Councillor Mrs. E. Brenchley (Until May)    | Poulton-with-Fearnhead         |
| Councillor D.W. Smith (Since May)           | Poulton-with-Fearnhead (North) |
| Councillor H. Wild (Until May)              | Poulton-with-Fearnhead         |
| Councillor Walter C. Farrington (Since May) | Poulton-with-Fearnhead (South) |
| Councillor B. Eaves J.P.                    | Rixton-with-Glazebrook         |
| Councillor Mrs. A. Stapleton                | Winwick (St. Oswalds)          |
| Councillor R. Hankinson (Until May)         | Winwick (Houghton)             |
| Councillor F.L. Barton (Since May)          | Winwick (Houghton)             |
| Councillor Walter C. Farrington (Until May) | Woolston                       |
| Councillor T.L. Morgan                      | Woolston (West)                |
| Councillor J.W.H. Punshon (Since May)       | Woolston (East)                |



STAFF OF PUBLIC HEALTH DEPARTMENT  
\*\*\*\*\*

|   |   |
|---|---|
| Medical Officer of Health               | R. Ellis Jones, M.B., Ch.B., D.P.H.<br>(Until September)<br>J.M. Packer, M.B., Ch.B., D.P.H.<br>(From September)  |
| Chief Public Health Inspector           | *N.G. Mayne, M.A.P.H.I., M.R.S.H.,<br>San. Science, Certified Smoke<br>Inspector (R.S.H.)   |
| Deputy Chief Public Health<br>Inspector | *W.F. Snow, P.H.I.'s Cert. Smoke<br>Inspector's Diploma (R.S.H.),<br>Testamur of Inst. P.C.   |
| Additional Public Health<br>Inspectors  | *W.T. Ditchfield, Cert. S.I.B.,<br>Certified Smoke Inspector (R.S.H.)<br>*R. Rimmer, Cert. S.I.B., Certified<br>Smoke Inspector (R.S.H.)<br>*K.R. Deakin, P.H.I.'s Cert.<br>*J.K. Webster, P.H.I.'s Cert.<br>*A. Henry, Cert. S.I.B.<br>*D.M. Alexander, Dip. P.H.I. E.B.<br>*B.W. Dale, Dip. P.H.I. E.B.<br>(Until August) |
| Authorised Meat Inspectors              | Mr. P. McKeown<br>Mr. H. Hattersley (Since November)  |
| Clerical and General Staff              | Mr. J. Barlow<br>Mr. H. Hoather<br>Mrs. J.A. Bates<br>Miss. C. Hough<br>Miss. L.M. Simcock  |
| Pupil Public Health Inspector           | Mr. M.G. Johnston (Since October)   |

\*Qualified Inspectors of Meat and Other Foods (R.S.H.)





\* \* \* \* \*

|  |     |     |    |
|--|-----|-----|----|
| Medical Officer of Health - Preface                        | ... | ... | 9  |
| General Description and District Statistics                | ... | ... | 11 |
| Vital Statistics   | ... | ... | 12 |
| Notifiable Disease Statistics                              | ... | ... | 18 |
| Local Health Authority and Other Ancillary Health Services |     |     | 20 |
| Chief Public Health Inspector - Preface                    | ... | ... | 26 |
| Food Hygiene   | ... | ... | 32 |
| Housing  | ... | ... | 39 |
| Sanitary Circumstances of the Area:                        |     |     |    |
| Water Supplies   | ... | ... | 42 |
| Rivers and Streams   | ... | ... | 42 |
| Drainage and Sewerage                                      | ... | ... | 43 |
| Public Cleansing   | ... | ... | 43 |
| Salvage  | ... | ... | 46 |
| Rodent Control   | ... | ... | 46 |
| Sanitary Accommodation                                     | ... | ... | 47 |
| Industrial and Commercial Circumstances                    | ... | ... | 49 |
| Public Health Inspectors Visits                            | ... | ... | 53 |

\*\*\*\*\*



WARRINGTON RURAL DISTRICT COUNCIL

\*\*\*\*\*

ANNUAL REPORT OF THE MEDICAL OFFICER  
OF HEALTH FOR THE YEAR 1970

TO: THE CHAIRMAN AND MEMBERS,  
WARRINGTON RURAL DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present for your consideration, the Annual Report of the health and sanitary conditions in the Warrington Rural District during 1970.

My predecessor, Dr. R. Ellis Jones, was in office until September of the year under review when he left to take up an appointment as a Consultant Psychiatrist at Newchurch Hospital, Culcheth.

The number of births fell from 1,091 in 1969 to 1,055 in 1970. The adjusted rate per thousand population being 19.4. This was still well above the birth rate for England and Wales, which was 16.0. The percentage of illegitimate births in relation to the total live births in the District was 4 compared with 8 for England and Wales. The Infant Mortality Rate was 15 per thousand live births which was a reduction from the figure of 23 per thousand recorded in 1969. The figure for 1970 was, however, comparable with the figures recorded for several years prior to 1969, and one may, therefore, take it that the relatively high level in 1969 was a chance variation in figures. The infant mortality rate for England and Wales in 1970 was 18.

The total number of Cancer deaths was 77, of which 18 (approximately one-quarter of the total) were due to Cancer of the Lung. The youngest person to die of this condition was a man in the age group 25 to 34 years. The association between smoking and lung cancer is widely known and it would be, therefore, superfluous to write at length about this eminently preventable disease.

Ischaemic Heart Disease (Coronary Disease) was responsible for 99 deaths. Unusually the number of women dying from this disease exceeded the number of men, there being 54 women and 45 men. 20 of the deaths (13 men and 7 women) were under the age of 65. This condition is, of course, the leading cause of death.

The Council have shown a most commendable interest in reducing atmospheric pollution in the District by the introduction of Smoke Control Areas. I am certain that this wise measure will prove of benefit in making the District both a healthier and a more pleasant place in which to live in the days to come.

I should like to take this opportunity of thanking the Members of the Council for their interest in all matters of Public Health during the year, and to Mr. N.G. Mayne Chief Public Health Inspector, and the Staff of the Health Department for their helpful co-operation and the manner in which they have carried out their duties.

I am,  
Mr. Chairman, Ladies and Gentlemen,  
Yours obediently,

J.M. PACKER  
Medical Officer of Health.

## PHYSICAL CONDITIONS AND GENERAL DESCRIPTION

The Warrington Rural District is situated in the south-west of the County of Lancaster. It is bordered on the north by the districts of the County Borough of St. Helens and the Urban Districts of Newton-le-Willows and Golborne; to the east is the Urban District of Irlam, and on the west is the Rural District of Whiston and the Borough of Widnes. The southern boundary, which is also the County Boundary, is the Manchester Ship Canal and the northern perimeter of the Warrington County Borough.

The area of the district is approximately 35 square miles being 14 miles from east to west, with a narrow waist of about two miles in the centre between Warrington and Newton, broadening to an average width of about six miles.

Agriculture is the principal occupation in the area, but there are, in the more urban parishes, a variety of industries including light engineering, brewing, brick making and paint manufacture.

The area is, as a whole, comparatively low-lying with only a gentle undulation to relieve the otherwise flat landscape. The fall of the land is to the south, with streams and brooks discharging into the River Mersey which winds its way across the southern portion of the district only slightly to the north of the Manchester Ship Canal.

## DISTRICT STATISTICS

|                                      |     |     |     |     |     |     |     |            |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|------------|
| Area (acres)                         | ... | ... | ... | ... | ... | ... | ... | 22,733     |
| Estimated population (Mid. 1970)     | ... | ... | ... | ... | ... | ... | ... | 48,060     |
| Number of inhabited houses and flats | ... | ... | ... | ... | ... | ... | ... | 14,808     |
| Rateable Value                       | ... | ... | ... | ... | ... | ... | ... | £1,793,310 |
| Sum represented by ld. rate          | ... | ... | ... | ... | ... | ... | ... | £7,300     |
| Births assignable to District        | ... | ... | ... | ... | ... | ... | ... | 1,055      |
| Deaths assignable to District        | ... | ... | ... | ... | ... | ... | ... | 455        |
| "Natural Increase"                   | ... | ... | ... | ... | ... | ... | ... | 600        |



## VITAL STATISTICS

| <u>Births:</u>           | M          | F          | Total        |
|--------------------------|------------|------------|--------------|
| Live Births - Legitimate | 530        | 481        | 1,011        |
| - Illegitimate           | 25         | 19         | 44           |
|                          | <u>555</u> | <u>500</u> | <u>1,055</u> |

Live Birth Rates - "Crude" 22.0 : "Adjusted" 19.4 per 1,000 population.  
Comparability factor : 0.88.

The "Adjusted" Live Birth Rate is the "Crude" Live Birth Rate after adjustment by a comparability factor supplied by the Registrar General.

| <u>Still Births:</u> | M  | F | Total |
|----------------------|----|---|-------|
|                      | 10 | 8 | 18    |

Still Birth Rate - 17 per 1,000 total (Live and Still) Births

| <u>Deaths:</u> | M   | F   | Total |
|----------------|-----|-----|-------|
| General        | 215 | 240 | 455   |

Death Rates - "Crude" 9.5 : "Adjusted" 10.7 Comparability Factor 1.13

The "Adjusted" Death Rate is the "Crude" Death Rate after adjustment by a comparability factor supplied by the Registrar General.

Infant Deaths: (Death of Infants under 1 year of Age).

Total Infant Mortality Rate - 15 per 1,000 live births.

|               | M  | F | Total |
|---------------|----|---|-------|
| Infant Deaths | 12 | 4 | 16    |

Infant Mortality Rate of Legitimate Infants 13 per 1,000 live births.

Infant Mortality Rate of Illegitimate Infants 68 per 1,000 Illegitimate live births.

Neo-Natal Mortality:

Deaths of infants under 4 weeks - 9

Neo-natal mortality rate - 9 per 1,000 total (Live and Still) Births.

Peri-Natal Mortality:

Peri-natal mortality rate - 23 per 1,000 total (Live and Still) Births.

Maternal Deaths:

Maternal Death Rate - Nil per 1,000 total births.

VITAL STATISTICS - COMPARATIVE TABLE

| YEAR                                 | LIVE BIRTHS                |   | DEATHS<br>(ALL CAUSES)      |   | STILLBIRTHS                 |   | MATERNAL MORTALITY          |   | INFANT MORTALITY                     |  |                                      |  |
|--------------------------------------|----------------------------|---|-----------------------------|---|-----------------------------|---|-----------------------------|---|--------------------------------------|--|--------------------------------------|--|
|                                      | Number<br>Regis-<br>tered. | Rate<br>per<br>1,000<br>popul-<br>ation | No.<br>Reg-<br>ist-<br>ered | Rate<br>per<br>1,000<br>popul-<br>ation | No.<br>Reg-<br>ist-<br>ered | Rate<br>per<br>1,000<br>total<br>births | No.<br>Reg-<br>ist-<br>ered | Rate<br>per<br>1,000<br>total<br>births | Total                                |  | Neo-Natal                            |  |
|                                      |                            |   |                             |   |                             |   |                             |   | No. of<br>Deaths<br>Regis-<br>tered. | Rate<br>per<br>1,000<br>live<br>births | No. of<br>Deaths<br>Regis-<br>tered. | Rate<br>per<br>1,000<br>live<br>births |
| 1970                                 | 1,055                      | *19.4                                   | 455                         | *10.7                                   | 18                          | 17                                      | Nil                         | Nil                                     | 16                                   | 15.00                                  | 9                                    | 9.0                                    |
| 1969                                 | 1,091                      | *20.5                                   | 514                         | *10.1                                   | 18                          | 16                                      | 1                           | 0.091                                   | 25                                   | 23.00                                  | 24                                   | 22.00                                  |
| 1968                                 | 1,045                      | *20.5                                   | 461                         | *10.9                                   | 7                           | 7                                       | Nil                         | Nil                                     | 14                                   | 14.00                                  | 11                                   | 11.00                                  |
| 1967                                 | 1,000                      | *21.3                                   | 457                         | *11.0                                   | 22                          | 22                                      | Nil                         | Nil                                     | 17                                   | 17.00                                  | 16                                   | 16.00                                  |
| 1966                                 | 943                        | *21.0                                   | 416                         | *10.8                                   | 9                           | 9.5                                     | Nil                         | Nil                                     | 13                                   | 13.8                                   | 4                                    | 9.5                                    |
| 1965                                 | 974                        | *22.6                                   | 398                         | *10.2                                   | 13                          | 13.2                                    | Nil                         | Nil                                     | 11                                   | 11.3                                   | 9                                    | 9.2                                    |
| Average<br>5 years<br>1965 -<br>1969 | -                          | 21.2                                    | -                           | 10.6                                    | -                           | 13.5                                    | -                           | 0.018                                   | -                                    | 15.82                                  | -                                    | 13.54                                  |

\*Adjusted Rates

# C A N C E R   M O R T A L I T Y

\*\*\*\*\*

| Year                              | No. of Deaths<br>Registered | Rate per 1,000<br>Population | Percentage<br>of all Deaths |
|-----------------------------------|-----------------------------|------------------------------|-----------------------------|
| 1970                              | 77                          | 1.62                         | 16.9                        |
| 1969                              | 95                          | 2.00                         | 18.5                        |
| 1968                              | 77                          | 1.71                         | 16.7                        |
| 1967                              | 70                          | 1.69                         | 15.3                        |
| 1966                              | 70                          | 1.77                         | 16.8                        |
| 1965                              | 67                          | 1.77                         | 16.8                        |
| Average<br>5 years<br>1965 - 1969 | 76                          | 1.79                         | 16.8                        |

## COMPARISON OF BIRTH-RATES, DEATH-RATES AND ANALYSIS OF MORTALITY AND MORBIDITY

\*\*\*\*\*

|   | Warrington<br>Rural                                     |      | England &<br>Wales<br>1970 |
|---|---|------|----------------------------|
|   | 1969  | 1970 |                            |
| <u>BIRTHS:</u>                            | <u>Rate per 1,000 population</u>                        |      |                            |
| Live - Adjusted                           | 20.5  | 19.4 | 16.0                       |
| - Crude                                   | 23.3  | 22.0 |                            |
| Still per 1,000 total live & still births | 16.0  | 17.0 | 13.0                       |
| <u>DEATHS:</u>                            | <u>Rate per 1,000 live births</u>                       |      |                            |
| All causes (Adjusted)                     | 10.1  | 10.7 | 10.7                       |
| <u>MATERNAL MORTALITY:</u>                | <u>Rate per 1,000 Total<br/>(live and still) Births</u> |      |                            |
| Excluding Abortion                        | 0.091   | 0.00 | 0.14                       |
| Due to Abortion                           | 0.00  | 0.00 | 0.04                       |



TUBERCULOSIS  
\*\*\*\*\*

| YEAR          | NEW CASES   |   |                 |   | DEATHS      |   |                 |   |
|---------------|-------------|---|-----------------|---|-------------|---|-----------------|---|
|               | Respiratory |   | Non-Respiratory |   | Respiratory |   | Non-Respiratory |   |
|               | M           | F | M               | F | M           | F | M               | F |
| 0 ...         | -           | - | -               | - | -           | - | -               | - |
| 1 ...         | -           | - | -               | - | -           | - | -               | - |
| 5 ...         | -           | - | -               | - | -           | - | -               | - |
| 10 ...        | -           | - | -               | - | -           | - | -               | - |
| 15 ...        | -           | 1 | -               | - | -           | - | -               | - |
| 20 ...        | -           | - | -               | - | -           | - | -               | - |
| 25 ...        | -           | - | -               | - | -           | - | -               | - |
| 35 ...        | -           | - | -               | - | -           | - | -               | - |
| 45 ...        | -           | - | -               | - | -           | - | -               | - |
| 55 ...        | 1           | - | -               | - | -           | - | -               | - |
| 65 & upwards  | -           | - | -               | 1 | -           | - | 1               | - |
| Age unknown   | -           | 1 | -               | - | -           | - | -               | - |
| TOTALS:       | 1           | 2 | -               | 1 | -           | - | 1               | - |
| GRAND TOTALS: | 3           |   | 1               |   | -           |   | 1               |   |

D E A T H S  
\*\*\*\*\*

The total number of Deaths registered in the District was 507. 59 of these were persons whose usual place of residence was outside the District; these have been assigned to the areas in which they formerly resided.

217 deaths of persons normally residing in this area but dying elsewhere, have been included in the total deaths properly assignable to this District.

CAUSES OF DEATHS AT DIFFERENT PERIODS OF LIFE DURING 1970

| Cause of Death                        | Sex | Total<br>all<br>Ages | Under<br>4<br>weeks | 4 weeks<br>& under<br>1 year | AGE IN YEARS |    |     |     |     |     |     |     |              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|-----|----------------------|---------------------|------------------------------|--------------|----|-----|-----|-----|-----|-----|-----|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                       |     |                      |                     |                              | 1-           | 5- | 15- | 25- | 35- | 45- | 55- | 65- | 75 &<br>over |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                       |     |                      |                     |                              | 1-           | 5- | 15- | 25- | 35- | 45- | 55- | 65- | 75 &<br>over |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Enteritis & Other Diarrhoeal diseases | F   | 1                    | -                   | -                            | -            | -  | -   | -   | -   | -   | -   | -   | -            | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |



# NOTIFIABLE DISEASES DURING 1970

There were 536 cases notified during the year, excluding Tuberculosis. These tables show the number, by age groups, of Infectious Diseases notified and the number removed to Hospital.

| DISEASE            | Total cases all ages | Under 1 | 1-2  | 3-4   | 5-9   | 10-14     | 15-24 | 25 & Over | Total cases removed to Hospital | Cases occurring in Winwick Hospital |
|--------------------|----------------------|---------|------|-------|-------|-----------|-------|-----------|---------------------------------|-------------------------------------|
| Scarlet Fever      | 19                   | -       | -    | -     | 10    | 7         | 1     | -         | -                               | -                                   |
| Measles            | 466                  | 16      | 119  | 145   | 183   | 2         | 1     | -         | -                               | -                                   |
| Whooping Cough     | 15                   | 1       | -    | 8     | 5     | -         | -     | -         | -                               | -                                   |
| Poliomyelitis      | -                    | -       | -    | -     | -     | -         | -     | -         | -                               | -                                   |
| Infective Jaundice | 35                   | -       | -    | 4     | 12    | 9         | 2     | 8         | -                               | -                                   |
| Typhoid Fever      | -                    | Under 5 | 5-14 | 15-44 | 45-64 | 65 & over |       |           |                                 |                                     |
| Pneumonia          | --                   | -       | -    | -     | -     | -         |       |           | -                               | -                                   |
| Puerperal Pyrexia  | -                    | -       | -    | -     | -     | -         |       |           | -                               | -                                   |
| Dysentery          | -                    | -       | -    | -     | -     | -         |       |           | -                               | -                                   |
| Erysipelas         | -                    | -       | -    | -     | -     | -         |       |           | -                               | -                                   |
| Food Poisoning     | 1                    | -       | 1    | -     | -     | -         |       |           | -                               | -                                   |



NOTIFIABLE DISEASE - COMPARATIVE TABLE  
\*\*\*\*\*

|   | 1970 |    | 1969 |    | 1968 |    | 1967 |    | 1966 |    | 1965 |    | Mean of 5 years |    |
|---|------|----|------|----|------|----|------|----|------|----|------|----|-----------------|----|
|   | C    | D  | *C   | *D | C    | D  | C    | D  | C    | D  | C    | D  | C               | D  |
|   |      |    |      |    |      |    |      |    |      |    |      |    |                 |    |
| Scarlet Fever                           | 19   | -  | 16   | -  | 13   | -  | 22   | -  | 10   | -  | 30   | -  | 20              | -  |
| Diphtheria                              | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -               | -  |
| Infective Jaundice                      | 35   | -  | 34   | -  | -    | -  | -    | -  | -    | -  | -    | -  | 7               | -  |
| Measles                                 | 400  | -  | 20   | -  | 249  | -  | 315  | -  | 221  | -  | 222  | -  | 205             | -  |
| Whooping Cough                          | 15   | -  | 3    | -  | 12   | -  | 10   | -  | -    | -  | 16   | -  | 8               | -  |
| Enteric group fevers                    | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -               | -  |
| Dysentery                               | -    | -  | 1    | -  | 1    | -  | -    | -  | -    | -  | -    | -  | -               | -  |
| Food Poisoning                          | 1    | -  | 1    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -               | -  |
| Ophthalmia Neonatorum                   | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -               | -  |
| Puerperal Pyrexia                       | -    | -  | -    | -  | -    | -  | 1    | -  | 3    | -  | -    | -  | 1               | -  |
| Ac. Poliomyelitis and Polioencephalitis | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -               | -  |
| Meningococcal Infection                 | -    | -  | -    | -  | -    | -  | 1    | -  | 1    | -  | -    | -  | -               | -  |
| Primary & Influenza Pneumonia           | -    | 46 | -    | 52 | 1    | 29 | 3    | 17 | 2    | 25 | 1    | 36 | 1               | 32 |
| Erysipelas                              | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -    | -  | -               | -  |
| Tuberculosis, resp.                     | 3    | -  | 2    | -  | -    | 1  | 7    | 3  | 3    | 1  | 2    | 3  | 3               | 2  |
| Tuberculosis, non-resp.                 | -    | -  | 1    | 1  | -    | 1  | -    | -  | 1    | -  | 1    | 1  | 1               | 1  |
| Totals:                                 | 559  | -  | 78   | 53 | 276  | 31 | 369  | 20 | 241  | 26 | 272  | 40 | 247             | 34 |

Note: \*C - Cases \*D - Deaths

PROVISION OF GENERAL HEALTH AND ANCILLARY  
SERVICES IN THE DISTRICT

LABORATORY ARRANGEMENTS

Public Health Laboratory Service and County Analyst's Department.

Pathological specimens, samples of milk, food, "Swabs", etc., for bacteriological investigation are dealt with by the Public Health Laboratory Service, either at the Public Health Laboratory, Mount Pleasant, Liverpool, or the Laboratory at Withington Hospital, Manchester; the chemical analysis of water, milk and other samples of food and drugs is undertaken at the County Analyst's Department, County Offices, Preston.

HOSPITAL SERVICES

Liverpool Regional Hospital Board, Warrington and District H.M.C., and Winwick and Newchurch H.M.C.

Although the Rural District contains no general hospitals within its boundaries it is well served by the two major hospitals situated in Warrington County Borough, the Warrington Infirmary and Warrington General Hospital, which provide the full range of services normally to be found in a district general hospital. The Victoria Park Maternity Home at Latchford accommodates some of the more straightforward maternity cases, thus supplementing the main obstetric unit at the General Hospital. A proportion of medical, surgical or obstetric cases are referred, for various reasons, to hospitals in nearby districts such as St. Helens and Whiston, and some to Manchester and Liverpool. Patients requiring in-patient treatment for tuberculosis are admitted mainly to Eccleston Hall; out-patient sessions are held by the Chest Physician at Warrington General Hospital.

Facilities for the treatment of psychiatric illnesses are centred on Winwick Hospital, and for mental subnormality at Newchurch Hospital, Culcheth.

The Smallpox Hospital for the Liverpool Region is situated at Great Sankey, but has not been used during the year.

EXECUTIVE COUNCIL SERVICES

The family doctor service and the general dental, pharmaceutical and ophthalmic services are the responsibility of the Lancashire Executive Council, 42 West Cliff, Preston.

## COUNTY COUNCIL SERVICES

The Lancashire County Council is the Local Health Authority, and the day to day administration of the wide range of services which it provides in this area is in the hands of Divisional Health Committee No.10.

### AMBULANCE SERVICE

All vehicles in the Lancashire County Council ambulance service are under radio control, and all services in the Division are controlled by staff at the area ambulance headquarters at Whiston. Vehicles from other stations can be brought in easily because of the radio contact when necessary.

This service deals with all types of cases where such transport is required by reason of illness (including mental illness or mental subnormality), whether accident, other emergency, general illness or infectious disease. In cases of emergency any person having reason to do so may summon an ambulance and the emergency service number '999' should be used. In other cases the calls for this service are made either by a doctor, dentist, midwife, nurse or other duly qualified person, who can call Whiston headquarters, telephone number 051-426-5222.

Five stretcher-carrying ambulance vehicles and three "Sitting case" cars are stationed at the Ambulance Station, Silverdale Road, Newton-le-Willows and manned by an appropriate staff, all qualified in First Aid.

### CLINICS

#### PENKETH HEALTH CENTRE, HONITON WAY.

Child Health Clinics - weekly, each Tuesday and Thursday 2.00p.m. - 4.00p.m.  
Chiropody and Dental services by appointment.

#### WOOLSTON CLINIC, HOLES LANE.

Child Health Clinic - weekly each Thursday, 2.00 p.m. - 4.00 p.m.  
Antenatal Clinic - weekly each Tuesday, 2.00 p.m. - 4.00 p.m.  
Antenatal Relaxation Class - weekly each Monday, 2.00 p.m. - 4.00 p.m.  
Chiropody and Dental services by appointment.

Child Health Clinics ("Infant Welfare Clinics") are also held periodically in rented premises as set out below:

#### BURTONWOOD Youth Centre, Clay Lane.

Weekly each Tuesday, 2.00 p.m. - 4.00 p.m.

#### CROFT Memorial Hall, Mustard Lane.

Fortnightly, alternate Mondays 2.00 p.m. - 4.00 p.m.

#### PADGATE Methodist Sunday School, Padgate Lane.

Weekly each Wednesday 2.00 p.m. - 4.00 p.m.

#### SANKEY Laporte Social Club, Hood Lane.

Weekly each Monday 2.00 p.m. - 4.00 p.m.

#### WINWICK Methodist Church, Golborne Road.

Fortnightly alternate Wednesdays 2.00 p.m. - 4.00 p.m.



## MIDWIFERY

Whole-time domiciliary midwives are engaged on this work within the Rural District in the employ of the County Council, which is both the Local Health Authority and Supervising Authority under the Midwives Act. These nurses normally accept responsibility for cases residing within reasonable proximity of their homes, but the principle of the expectant mother's free choice of midwife (as of doctor), is well established. Each has a car at her disposal to enable her to respond quickly to urgent calls and to carry apparatus for analgesia.

The names and addresses of the midwives are:-

|   |                         |
|---|-------------------------|
| Mrs. E. Foster, 49 St. Mary's Road, Penketh.        | Tel. No. Penketh 5860.  |
| Mrs. A. Grace, 13 Norcott Drive, Burtonwood.        | Tel. No. Newton 6410.   |
| Mrs. M.A. Lawton, 21 Marina Avenue, Gt. Sankey.     | Tel. No. Warr. 33236.   |
| Mrs. C. Price, 10 Arkenshaw Road, Croft.            | Tel. No. Culcheth 3373. |
| Mrs. M.A. Taylor, 16 Hawthorne Grove, Paddington.   | Tel. No. Warr. 33664.   |
| Miss. G. Williams, 12 Campbell Crescent, Gt. Sankey | Tel. No. Penketh 2066.  |

## HEALTH VISITING

A Health Visitor is a State Registered Nurse who has received at least a course of training in midwifery and undertaken a year of special training in preventive medicine (especially early detection of handicaps), health education, and social work. Although in much of her work she is concerned with mothers and children, her duties are by no means confined to these members of the family. In recent years the Health Visitor has worked increasingly with adults, particularly the elderly.

A substantial part of the Health Visitor's time is spent in connection with the School Health Service undertaking the duties of a School Nurse. If a Health Visitor has the aptitude she may undertake teaching of classes in health education and mothercraft subjects which are included in the school curriculum.

Hitherto each Health Visitor has worked in a defined geographical area, but the current trend is to make the Health Visitor's caseload the patients registered with one or more family doctors and to arrange for the Health Visitor to have frequent contact with the doctors.

The Health Visitors employed in this District are based mainly at Penketh Health Centre and Woolston Clinic. Burtonwood is served from the Gables Clinic, Crow Lane West, Newton-le-Willows, and Croft and Winwick from the Clinic, Jackson Avenue, Culcheth.



## DISTRICT NURSING

An "attachment" scheme is now in operation by which district nursing sisters take their patients according to the medical practice to which they are attached and not according to a geographical district as before. District nurses of the S.E.N. grade and nursing auxiliaries are also employed to work under the supervision of the nursing sisters; in the scheme nursing sisters and general medical practitioners work closely together with full consultation so that the skill of the specially trained nurse can be properly employed.

The names, addresses and telephone numbers of the Nursing Sisters are:

|  |                        |
|--|------------------------|
| Mrs. L. Morrison, The Bungalow, Longbarn Lane, Woolston. | Tel. No. Warr. 35213   |
| Mrs. M. Dutton, 37 Culcheth Hall Drive, Culcheth.        | Tel. No. Culcheth 2235 |
| Mrs. M.E.G. Ledson, 10 Clovelly Avenue, Gt. Sankey.      | Tel. No. Penketh 3238  |
| Mrs. P. Knight, 67 Park Road, Great Sankey.              | Tel. No. Penketh 2560  |
| Mrs. W.M. Spencer, 22 Berkshire Drive, Woolston.         | Tel. No. Warr. 31891   |
| Mrs. B. Booth, 26a Princess Avenue, Padgate.             | Tel. No. Warr. 37084   |

## VACCINATION AND IMMUNISATION

Facilities are provided both by the County Council and by family doctors for giving protection against smallpox, poliomyelitis, diphtheria, whooping cough, tetanus, measles, and german measles. Certain other immunisations, e.g. against typhoid fever, may be given by family doctors when required. The B.C.G. injection against tuberculosis is given by the School Health Service and by the staff of Chest Clinics.

## HOME HELP SERVICE

This service is available under the Lancashire County Council Divisional Health Scheme (No.10 Health Division), to homes requiring such assistance by reason of the presence in the household of a case of sickness (including mental illness and deficiency), advanced pregnancy, a parturient woman, an aged person or a child under school leaving age.

The service is not a free one; contributions must be made by the applicants towards the cost of provision in accordance with scales adopted by the County Council. Many applicants are, however, old age pensioners in straitened circumstances whose incomes are below the minimum prescribed by the scales, who therefore receive this help free of cost.

## MENTAL HEALTH

Social work help and statutory action under the provisions of the Mental Health Act, 1959, for persons suffering from mental illness or subnormality is provided by a team of four Mental Welfare Officers based at the Divisional Health Office, Winwick. (Telephone number Warrington 37444). Any request for the services of a Mental Welfare Officer outside normal office hours should be

made through the Ambulance Control Centre at Whiston (Telephone number 051-426-5222), which will contact the duty officer on call.

A Junior Training Centre for 120 mentally handicapped children and an adjacent hostel for 25 children are situated at Mill Lane, Newton-le-Willows, and an Adult Training Centre for 45 subnormal men and women and a hostel accommodating 27 residents are located at Grange Road, Haydock. Another Adult Training Centre and Hostel are in course of erection in Golborne.

#### WELFARE SERVICES

The County Council is the Authority responsible for implementing Parts III and IV of the National Assistance Act, 1948, and related legislation. Broadly speaking, these services provide for the elderly, the handicapped, and the homeless. As is the case with the services already mentioned, the day to day administration of the Welfare Services is in the hands of Divisional Health Committee No.10. The Divisional Medical Officer has on his staff a Divisional Welfare Organiser who leads a team of four Social Welfare Officers and two Welfare Assistants.

The County Council's scheme utilises very fully the various voluntary agencies, including the Old People's Welfare Committee which provide an excellent means of fostering liaison between the statutory and voluntary bodies concerned with the care of the aged. Either directly or through the voluntary agencies the County Council makes provision to meet a wide range of needs of aged and handicapped persons, including provision of counselling, social club, luncheon clubs, and "Meals on Wheels", training facilities, home and workshop employment, occupational therapy and holidays.

Accommodation is provided for those of the aged population no longer able to live an independent existence in their own homes, even with the maximum help from the domiciliary services. The Homes in this Division are Golborne House, Golborne (which accommodates 50 residents), Heathside, Penketh (50 residents), Heyescroft, Haydock (51 residents), and Larchfields, Newton-le-Willows (51 residents). Day care and short term care are also provided at each of these Homes. Residential accommodation, including short term care, for the handicapped is provided elsewhere in the County (at Swinton and Fleetwood).

One of the most useful developments in recent years has been that of warden - supervised bungalows or flatlets for elderly persons and, when necessary, the handicapped. These afford the privacy and the stimulus associated with a person having his or her own home, whilst at the same time providing the security deriving from the presence of a responsible person who "keeps an eye" on the resident and can send for help if it should be required.

Temporary accommodation is provided at Farnworth and Trafford Park for families who become homeless for reasons which could not reasonably have been foreseen.

## PREVENTION OF ILLNESS, CARE AND AFTER-CARE

The scope of these arrangements is very wide and includes health education, health visiting in the homes including those of persons suffering from tuberculosis, the provision of ancilliary nursing equipment, the after-care of patients who have suffered from illness either at home or in hospital, and the provision of convalescent accommodation. It also includes the provision of a chiropody service available to the elderly (aged 65 or over), registered handicapped persons, and expectant mothers.

Further information about all of the foregoing services may be obtained from the Divisional Medical Officer, Divisional Health Office, Winwick. (Telephone Warrington 37444).

## CHILDREN'S DEPARTMENT

The responsibilities of the County Council under the Children Act and Children and Young Persons Acts are carried out by the Children's Committee through the Children's Officer. Locally, Area Children's Committee No.11 is responsible for the day to day operation of the service. The Area Children's Officer is Mr. W. Ritchie, Williams Deacon's Bank Chambers, Market Street, Leigh (Telephone Leigh 74121).



WARRINGTON RURAL DISTRICT COUNCIL

\*\*\*\*\*

ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR  
AND CLEANSING SUPERINTENDENT FOR THE YEAR 1970

To: THE CHAIRMAN AND MEMBERS,  
WARRINGTON RURAL DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

In the reports of the two previous years much has been written of the good progress of the Council's Smoke Control Programme. This year owing to the national shortage of Solid Smokeless Fuels, this Council, in common with many other Authorities throughout the country, had to curtail smoke control activities. The operational date of the No.3 Smoke Control Order was suspended from September, 1970, to September, 1971. The picture, however, was not all one of stagnation in smoke control, for on the 2nd June, 1970, No.4 Smoke Control Area in the East of the Parish of Great Sankey was approved by the Ministry. It was not found necessary to suspend any area already in operation.

It is noticeable that the proportion of householders preferring solid fuel appliances has been very much reduced since Smoke Control Areas were first introduced.

A considerable amount of new building is in progress in the areas already operative, these houses and in fact any house built after the 16th August, 1964, must have been equipped at the time of construction, to burn smokeless fuel. It is for this reason that no grant is payable towards adaptation of any appliances in such houses.

The improvement in the cleanliness of the air in operative areas is most noticeable, I am sure that the benefits derived from a cleaner atmosphere are appreciated by the householders.

During the year I again served on the Executive of the Manchester and District Clean Air Committee. This Committee serves a very useful purpose in that it helps to resolve difficulties that occur from time to time in an area involving 73 Local Authorities. The supplies of solid smokeless fuels which have already been mentioned, was a matter regarding which the Committee were deeply concerned and they were in constant liaison with the various bodies responsible for its manufacture, storage and distribution.

Since the Housing Act, 1969, came into operation much publicity has been given to the grants that are available for the improvement and repair of substandard houses. The number of Standard Grants approved during the year were 27 and the number of Improvement (Discretionary) Grants approved 11. The total value of grants approved was £39,100.

There are now less than 300 houses in the area still without bathrooms. The Public Health Department is responsible for administering Improvement and Standard Grants, and every effort is being made to encourage owners or owner/occupiers to take advantage of these grants. There is still far too little interest shown by owners of tenanted houses in Improvement and Standard Grants. Of the total number of 41 applications received only 10 were from owners of tenanted houses where the demand is greatest.

The Council introduced in 1969 a scheme to provide loans for those owners unable to raise capital to improve their houses. There have been very few applications for such loans under the scheme, which is surprising, for prior to it coming into being, lack of capital seemed to be a major impediment to owners taking advantage of grants for the improvement and repair of their houses.

Whilst the standard of houses in the area is generally good, there are still many houses which would benefit by, and should attract improvement grants.

There are still 75 houses in the area without a W.C. Every effort has been made to persuade the owners of these houses to provide a W.C., but where the house is more than a 100 feet from a public sewer or water supply the Local Authority cannot enforce the provision of a W. C. Generous grants are available towards the provision of a septic tank where no sewer is available, but in spite of these grants the cost to the owner is still much greater than it would be were a public sewer available. It is for this reason that so many pail closets, which have to be emptied weekly by this Department, still remain.

As in previous years attention is again drawn to the large amount of time spent by the Public Health Inspectors and Meat Inspectors carrying out meat inspection at the bacon factory and the two slaughterhouses in the area. The number of animals slaughtered this year was 115,241, as compared with 111,146 the previous year. This figure emphasised the large amount of Inspector's time entailed carrying out individual post-mortem inspections on each animal before it can be passed as fit for human consumption. This work necessitates the full-time employment of one Public Health Inspector and two Meat Inspectors, the district Public Health Inspectors being used to supplement this staff as occasion demands. The amount of meat condemned amounted to 46 tons. This quantity must seem prodigious but it only represents a small proportion of the total amount of meat processed.

Animals which have been slaughtered in Ireland and exported in containers are arriving in increasing numbers. Although these carcasses are inspected at the time of slaughter in the country of origin, it is necessary for them to be re-inspected on arrival, in order to be



sure that there has been no deterioration in the meat during transit. The container system of transportation may have a marked affect on the number of live animals which are imported and processed in this area.

When one considers the vast amount of meat which is processed in the area, most of which is consumed in outside areas, and the few complaints received, great credit must be given to those who are carrying out this work in conditions which are not conducive to prolonged mental strain.

The routine inspection of food preparing premises which has been carried throughout the year by the Public Health Inspectors is a function, which receives little publicity. Some of the canteens in the area serve hundreds of meals daily. It speaks well of the management and staff of these establishments that during the year there was no outbreak of suspected food poisoning; contributable to food from a canteen. Many of the employees of these canteens have attended Food Hygiene Courses at the Warrington Technical College.

During the year the Council changed over from the use of paper sacks to polythene sacks for refuse collection. The reason for this was one of cost, as the paper sacks had proved entirely satisfactory. When the polythene sacks were first introduced complaints were received of polythene sacks slipping in their holders, but this difficulty was eventually overcome. The volume of household refuse for collection and disposal increases year by year. This is due chiefly to the amount of packaging material used today. Another contributing factor is the large increase in the use of smokeless heating appliances, particularly those using gas and electricity.

When the sack system was first introduced the most up-to-date equipment for holding the sack was the bracket holder, and a number of these were fitted in the area. The latest development is the plastic bin with a hole in the base. These bins in which a polythene sack is used as a liner do not require any protective guard and are less expensive. They have been given a full trial in the area and have proved satisfactory and will be used when new fittings or replacements are required. Prior to 1969 it had been the practice for the refuse collection service to be suspended for two weeks in the year in order that drivers and collectors could take their annual holidays. This caused a great deal of inconvenience to householders and was the subject of many complaints. It also disrupted the service badly and it took some time to get things back to normal. This year it was possible, by increasing the number of personnel, to work through the whole year without any break in the service. Normally there is a weekly collection from each household and the entire area is completed by the Friday evening.

There are now 83  $1\frac{1}{4}$  cu. yd. bulk refuse containers in use servicing schools, supermarkets and similiar premises. The bulk container contains the equivalent of approximately 12 bins. The container is emptied in one operation by a special lifting apparatus attached to the collection vehicle. Its advantages are that there is a saving of storage space at the point where the refuse is collected, the refuse can be emptied into the vehicle quickly and with little manual effort, and there is a saving in the amount of labour required. The system also allows the Council to give a more frequent and efficient collection service of trade refuse from supermarkets, hotels and similiar types of business premises. The Council's scale of charges for the collection of refuse remained the same as when introduced in 1969, namely that each business premises is allowed one sack per week free, and additional sacks are charged at the rate of 5p. per sack per week. Where bulk containers are emptied from business premises the charge is £12 per annum which covers the one weekly collection. During the year a number of ten cubic yard bulk containers were purchased. These are primarily intended for use on disposal sites but they can also be used if required to service those premises where even the  $1\frac{1}{4}$  cu. yd. container is proving inadequate.

The Council have provided two disposal sites for refuse which is not normally collected by the weekly collection service, one of these is sited in Mill Lane, Winwick, and the other adjacent to the Cleansing Depot, at New Cut Lane, Woolston. In addition the Council will collect from any dwelling house free of charge, any bulky refuse (other than garden refuse) not normally collected by the weekly collection service.

When the disposal sites were provided as required by the Civic Amenities Act 1967, it was not envisaged that their useage would be so great. When the sites were first brought into operation two  $1\frac{1}{4}$  cu. yd. containers were found to be adequate to serve each days demand, but these sites have since had to be enlarged and as much 250 cu. yds. are removed weekly from these sites. The use of 10 cu. yd. containers has helped to keep the site at Woolston tidy, these containers when full are lifted onto a special vehicle fitted with multi-lift equipment, in one operation. They are then emptied at the tip without moving them from the vehicle. This equipment eliminates any double handling of the refuse, is rapid in operation, and has proved ideal for these refuse disposal sites. It is essential that there are adequate number of litter bins sited throughout the area, and that those are emptied regularly.

It is not easy to understand why when all the free facilities described are available, some people still desecrate the countryside and risk a heavy fine by dumping refuse on road verges and open spaces.



The Council has had little trouble in disposing of abandoned vehicles thanks to the co-operation of a private disposal firm. The main difficulty is in the delay in removing these vehicles whilst enquiries are made and legal requirements satisfied. During this delay the vehicles are often stripped of their wheels and other useful parts, so that by the time statutory formalities are completed the vehicle cannot be towed away from the site where it was abandoned.

The Cleansing Department are responsible for the repair and maintenance of all 30 vehicles operated by the Council. During the year one new Karrier Refuse Collection Vehicle and a 16 ton Dodge Chassis fitted with Multi-lifting equipment were purchased. The latter vehicle can be used as an ordinary tipping vehicle, for carrying detached containers or the track refuse bulldozer. All vehicles are normally given a complete monthly service check and a brake test. A spare vehicle is available to allow the vehicles to be taken out of service as and when required.

The benefits derived from good vehicle maintenance are increased road safety, no disruption of the collection service through vehicle breakdowns, saving in costs as when a vehicle breakdown occurs not only is the vehicle out of action but also the men accompanying the vehicle.

In addition to the full monthly servicing, the aim is to have a vehicle washed and lubricated by the driver weekly and for this reason the normal weekly target is for each collection round to be completed by the Friday evening, leaving the Saturday morning free for the driver to do the washing and lubrication of his vehicle.

The Office, Shops and Railway Premises Act, 1963, covers a wide range of matters all affecting the working conditions of employees in Offices and Shops. The inspection of these premises took much of the Public Health Inspectors time as there are 85 premises registered in this area. Two accidents, non fatal, were reported during the year both of which were investigated by a Public Health Inspector.

Extermination treatment was carried out at all premises where rats and mice were reported. Preventive treatment is regularly carried out on tips and sewers.

The various reconstruction and improvement works carried out during the past few years at the one offensive trade premises where animal by-products are processed, has greatly improved the working conditions and enhanced the external appearance of the works. Smell nuisance from this type of business is very difficult to control when certain weather conditions prevail and this is experienced by all local authorities where such works are in close proximity to dwelling houses. No effort has been spared to eradicate the smells, for in addition to regular inspections of the premises, visits have been made to similar establishments outside the area seeking any useful information available on this problem.



There were few complaints of noise nuisance during the year and in all cases the firm or person responsible have been willing to do all in their power to cure the trouble. Often the real trouble is that industry is sited too near to dwellings.

There were few staff changes during the year. Mr. Brian Dale, who received his training and qualified as a Public Health Inspector whilst with this Authority, left to take up an appointment with Barnstaple Rural District Council. Mr. Harold Hattersley was appointed as a Meat Inspector and commenced duties with this Authority in November, 1970. Mr. Martyn G. Johnston was appointed Student Public Health Inspector in October, 1970, and is attending the University of Aston where he is taking a B. Sc. (Sandwich) Course in Environmental Health.

I should like to take this opportunity of thanking Members of the Council for their interest in the work carried out by the Public Health and Cleansing Department, to Dr. R. Ellis Jones and Dr. J.M. Pecker, and to the Staff of the Health Department.

I am,  
Mr. Chairman, Ladies and Gentlemen,  
Yours obediently,

N.G. MAYNE  
Chief Public Health Inspector  
and Cleansing Superintendent.

FOOD HYGIENE  
\*\*\*\*\*

Food and Drugs Act, 1955

The following details of food samples taken under the above Act, have been supplied by the County Medical Officer of Health.

A total of 205 samples were obtained comprising 137 milks (19 of which were Channel Islands milk) and 68 others as follows:

|   |  |
|---|--|
| 1 Inst. Hot Lemon Drink (Cold Remedy)               | 1 Grated Parmesan Cheese                             |
| 1 Blackcurrant/Lemon Drink                          | 1 Savoury Crispbread                                 |
| 1 Milk, Milk & Cocoa Beverage                       | 1 Meat Pudding, canned                               |
| 1 Chocolate Malt Drink                              | 1 Caramel flavoured Quick Dessert                    |
| 1 Beef Casserole with Vegetables, canned            | 1 Pie Filling (Chicken and Mushroom with Vegetables) |
| 3 Tea   | 1 Blackcurrant Pie Filling                           |
| 2 Self-Raising Flour                                | 1 Instant dried Apple Flakes                         |
| 1 Salted Cashews                                    | 1 High protein Baby food                             |
| 1 Dried Mint  | 2 Mixed dried Fruit                                  |
| 1 Colouring material                                | 1 Chopped Ham and Pork                               |
| 1 Flavouring material                               | 1 Peas, canned                                       |
| 1 Chicken Curry with Rice, canned                   | 1 Lyonnaise Sauce                                    |
| 1 Minced Steak with Gravy, canned                   | 1 Braised Pork Kidneys, canned                       |
| 1 Sparkling Lemonade                                | 1 Coffee and Chicory Mixture                         |
| 1 Lard  | 1 Cocoa  |
| 1 Lime Cordial and Lager                            | 1 Custard Tart                                       |
| 1 Prunes, canned                                    | 1 Biscuits   |
| 1 Peeled Tomatoes, canned                           | 1 Lemon curd   |
| 1 Dairy Cream, sterilized, canned                   | 1 Desiccated Coconut                                 |
| 1 Instant Whip                                      | 1 Instant Mashed Potato                              |
| 1 Dried Peas  | 1 Instant Hot Lemon                                  |
| 1 Salted Cashew Nuts                                | 1 Garden Peas, canned                                |
| 1 Real Mandarin Fruit Yoghourt                      | 1 Quick Dried Garden Peas                            |
| 1 Real Fruit Apple Yoghourt                         | 1 Instant Dried Peas                                 |
| 1 Coleslaw salad                                    | 1 Dairy Custard, canned                              |
| 1 Junior Beef Dinner                                | 1 Pure Apple Juice (Bottle)                          |
| 1 Dried Onions                                      | 1 Crab Spread  |
| 1 Calorie Reduced mashed potato                     | 1 Beef Spread  |
| 1 Spaghetti with Meat Balls in Tomato Sauce, canned | 3 Whisky   |
| 1 Cheese Spread with Salmon                         | 1 Brandy   |
| 1 Sterilized Cream, canned                          | 1 Ground Almonds                                     |

I give below details of those samples on which the County Analyst gave adverse reports:

| <u>Sample</u>                         | <u>Result of Analysis</u>   | <u>Action Taken</u>           |
|---------------------------------------|---|-------------------------------|
| Instant Hot Lemon Drink (Cold Remedy) | Contained approx. 2 $\frac{1}{2}$ % of cyclamic acid sweetening agent | Pharmacist communicated with. |

| <u>Sample</u>                      | <u>Result of Analysis</u>   | <u>Action Taken</u>                                 |
|------------------------------------|---|---|
| Sparkling<br>Lemonade              | Sugar 0.26% Minerals 0.008%<br>Free CO <sub>2</sub> Nil<br><br>Deposit: A zooglica of bacteria<br>with a few protozoa fungal<br>threads and algae                 | Complainant informed.                               |
| Informal Milk                      | Freezing point indicated 0.6%<br>extraneous water   | Dairy cautioned.                                    |
| Braised Pork<br>Kidneys,<br>canned | Meat content 77.5% should be<br>labelled "Braised Pork Kidneys<br>with Gravy"   | Importer communicated<br>with.                      |
| Custard<br>Tart                    | Contained chewed and spent<br>chewing gum amounting to<br>approximately one and a<br>quarter grammes weight.  | Dealt with informally<br>at request of complainant. |
| Tea                                | Contained a splinter of wood<br>weighing 15 mgms. and several<br>small pieces of wood weighing<br>1 mgm. together with a piece<br>of tissue paper weighing 1 mgm. | Packers informed.                                   |

#### Food Preparing Premises

It is essential that food premises whether they be used for the preparation, storage, or sale of food, should be regularly inspected to ensure they are maintained in such a condition as to prevent any danger of contamination of food supplies.

During the year 1,866 visits were made to slaughterhouses and other food premises and 12 notices were served specifying works required to bring the premises up to the standard required by the Food Hygiene (General) Regulations 1960.

Particular attention was given to Regulation 16 which requires that proper facilities be provided for food handlers to wash their hands.

Another important requirement in the Food Hygiene Regulations is contained in Regulation 19 which requires suitable and sufficient washing facilities for food equipment.

A table showing the food premises in the area, inspections made and action taken in relation to Regulations 16 and 19 is given below:-

|                          | Number | Number of<br>Inspections<br>made | Number of<br>premises<br>complying<br>with Reg.<br>16. | Number of<br>premises<br>which are<br>required to<br>comply with<br>Reg. 19 | Number of<br>premises<br>complying<br>with Reg.<br>19. |
|--------------------------|--------|----------------------------------|--|---|--|
| Works Canteens           | 12     | 111                              | 12   | 12  | 12   |
| Cafes                    | 3      | 3                                | 3  | 3   | 3  |
| Butchers                 | 11     | 54                               | 11   | 11  | 11   |
| Fried Fish Shops         | 10     | 23                               | 10   | 10  | 10   |
| Grocers & Mixed          | 48     | 276                              | 48   | 48  | 48   |
| Greengrocers             | 14     | 22                               | 14   | 14  | 14   |
| Licensed Premises        | 36     | 25                               | 36   | 36  | 36   |
| School Kitchens          | 18     | 25                               | 18   | 18  | 18   |
| Bread &<br>Confectionary | 22     | 133                              | 22   | 22  | 22   |
| Supermarkets             | 12     | 580                              | 12   | 12  | 12   |
| Ice-cream vendors        | 32     | 71                               | 32   | 32  | 32   |

### Food Hygiene Course

For those engaged in the sale, preparation or handling of food, a course in food hygiene was held at the Warrington Technical College and many personnel from the area attended. Although it was not obligatory students could if they desired take the examination for the Food Technology Diploma or Hygiene Handling of Food Certificate.

Every credit must be given to personnel attending these courses and to Management who encourage employees by allowing them to attend during normal working hours.

### Milk Samples

Routine milk sampling has continued throughout the year for the purpose of bacteriological examination which aims at ensuring a general standard of purity as regards the total number of organisms which effect the keeping quality of the milk (Methylene Blue Test), the efficiency of pasteurisation (Phosphatase Test), the freedom from the bacillus of tuberculosis (Biological Examination), from brucellosis (Ring and Culture Tests), and the efficiency of heat reatment U.H.T. milk (Colony Count Test). The organisms of tuberculosis and brucellosis are destroyed by pasteurisation. In no instance did any sample fail the Phosphatase Test, showing that pasteurisation in each instance has been effectively carried out.



### Raw Milk:

There were 51 samples submitted and the results were as follows:

|                            | Positive | Negative | Satisfactory | Unsatisfactory |
|----------------------------|----------|----------|--------------|----------------|
| Methylene Blue Test        | -        | -        | 32           | -              |
| Tuberculosis               | -        | 1        | -            | -              |
| Brucellosis -<br>Ring Test | 1        | 50       | -            | -              |
| Culture Tests              | 1        | 6        | -            | -              |
| Biological Test            | -        | -        | -            | -              |

### Brucellosis

The positive Brucellosis milk sample in the above table relates to one infected cow, which was withdrawn from the herd.

### Heat Treated Milk:

There were 31 samples submitted and the results were as follows:

|                     | Number of samples | Satisfactory | Unsatisfactory | Void |
|---------------------|-------------------|--------------|----------------|------|
| Methylene Blue Test | 24                | 24           | -              | -    |
| Phosphatase Test    | 24                | 24           | -              | -    |
| Turbidity Test      | 8                 | 8            | -              | -    |
| Colony Count Test   | 2                 | 2            | -              | -    |

### Meat Inspection

Slaughtering is carried out at two private slaughterhouses and a bacon factory. Line dressing is carried out in the bacon factory, and in one of the slaughterhouses. At peak slaughtering times in the bacon factory, it is necessary to have three meat inspectors on the line to keep pace with the rapid speed of throughput, which can reach a rate of over 100 pigs per hour. This work is physically and mentally exhausting as a thorough detailed inspection of the animals has to be carried out in a very short space of time in an atmosphere which is not conducive to prolonged mental concentration.

At each of the slaughterhouses there is an inspector in attendance during the hours of slaughtering.

During the year 115,241 animals were slaughtered of which approximately 80 per cent was to meet the needs of outside areas.

Other Food-Stuffs Condemned

|                      |                                   |                  |
|----------------------|-----------------------------------|------------------|
| 12 tins Carrots      | 43 tins Tomatoes                  | 99 tins Beef     |
| 50 lbs. Lambs Livers | 16 $\frac{1}{2}$ cases Vegetables | 26 lb. Jam       |
| 1 case Milk Powder   | 1 $\frac{1}{2}$ cases Ice-cream   | 8 tins Ham       |
| 27 tins Spaghetti    | 6 tins Pudding                    | 7 cases Nescafe  |
| 106 tins Baked beans | 3 cases Marmalade                 | 1 case Flolite   |
| 1 pkt. Potato Chips  | 5 cases Instand Potato            | 2 tins Kippers   |
| 1 tin Tomato Juice   | 9 cases Cream                     | 2 tins Shrimps   |
| 20 lb. Cheese        | 31 Cheese Spread                  | 75 cases Nesquik |
| 155 tins Fruit       | 55 tins Stewed Steak              | 19 pkts Flour    |
| 10 pkts Birds Angel  | 6 bottles Orange                  | 7 tins Cream     |
| Delight              | 18 cases Milk                     | 5 jars Bovril    |
| 159 tins C. & B.     | 243 tins Peas                     | 81 tins Soup     |
| Products             | 561 cases Soup                    | 2 bottles Sauce  |
| 8 bottles Milk of    | 8 tins Sardines                   | 10 lb Tongue     |
| Magnesia             | 32 Pie Fillings                   | 16 lb Sugar      |
| 829 tins Frozen      | 6 lb Butter                       |                  |
| Foodstuffs           |                                   |                  |

Slaughter of Animals Act, 1933 to 1958

There are 29 Slaughtermen holding licences granted by this Authority.

CARCASSES INSPECTED AND CONDEMNED  
\*\*\*\*\*

|  | Cattle, Calves |       |       | Pigs   |        |        | Sheep  |        |        |
|--|----------------|-------|-------|--------|--------|--------|--------|--------|--------|
|  | 1968           | 1969  | 1970  | 1968   | 1969   | 1970   | 1968   | 1969   | 1970   |
| Number killed  | 8,621          | 8,276 | 6,961 | 84,078 | 86,929 | 90,945 | 19,370 | 15,941 | 17,335 |
| Number inspected ...   | 8,621          | 8,276 | 6,961 | 84,078 | 86,929 | 90,945 | 19,370 | 15,941 | 17,335 |
| All diseases except T.B. :   |                |       |       |        |        |        |        |        |        |
| Whole carcasses condemned  | 4              | 19    | 17    | 139    | 294    | 271    | 36     | 6      | 6      |
| Carcasses of which some part or organ was condemned ...                              |                |       |       |        |        |        |        |        |        |
| Percentage of the number inspected affected with disease other than Tuberculosis ... | 3,009          | 3,203 | 1,833 | 9,102  | 10,829 | 12,090 | 1,596  | 1,195  | 766    |
| Tuberculosis ...   | 28.5%          | 38.1% | 26.5% | 11.0%  | 12.7%  | 13.5%  | 8.4%   | 7.6%   | 4.4%   |
| Tuberculosis only:   |                |       |       |        |        |        |        |        |        |
| Whole carcasses condemned  | Nil            | Nil   | Nil   | 3      | 1      | 1      | Nil    | Nil    | Nil    |
| Carcasses of which some part or organ was condemned ...                              | Nil            | Nil   | Nil   | 497    | 518    | 366    | Nil    | Nil    | Nil    |
| Percentage of the number inspected affected with Tuberculosis ...                    | Nil            | Nil   | Nil   | 0.5%   | 0.6%   | 0.4%   | Nil    | Nil    | Nil    |

WEIGHTS OF CONDEMNED MEAT  
\*\*\*\*\*

|              | Cattle | Weight<br>lbs | Pigs   | Weight<br>lbs | Sheep  | Weight<br>lbs |
|--------------|--------|---------------|--------|---------------|--------|---------------|
| Carcasses    | 19     | 6,529         | 298    | 27,694        | 6      | 207           |
| Heads        | 2      | 68            | 319    | 3,744         | -      | -             |
| Hearts       | 4      | 18            | 1,840  | 2,067         | -      | -             |
| Livers       | 1,892  | 24,345        | 4,035  | 10,305        | 818    | 1,544         |
| Lungs        | 15     | 118           | 3,756  | 4,285         | -      | -             |
| Plucks       | -      | -             | 2,992  | 15,417        | -      | -             |
| Legs         | 1      | 150           | 130    | 1,341         | -      | -             |
| Trimnings    | 1      | 140           | 40     | 162           | 5      | 50            |
| Forequarters | -      | -             | -      | -             | -      | -             |
| Hindquarters | -      | -             | -      | -             | -      | -             |
| Kidneys      | -      | -             | -      | -             | -      | -             |
| Tongues      | -      | -             | -      | -             | -      | -             |
|              | Total: | 31,368        | Total: | 65,015        | Total: | 1,801         |

Grand Total of Meat Condemned 98,184 lbs.



## HOUSING

The total number of new houses built during the year by private enterprise was 392, a decrease of 238 over the previous year. The Council erected 3 blocks of sheltered accommodation, each block containing 36 units plus 1 warden flat. The total number of houses built during the past five years was 3,215 private houses, 336 Council houses. The total number of inhabited houses and flats throughout the area is 14,808.

### Improvement Grants - Discretionary

These grants are discretionary, but include works which apply to the house as a whole. Eleven applications were approved. Total value of applications approved was £34,022.

### Standard Grants

These are obligatory and are to provide the sanitary essentials - bath, W.C., wash-hand basin, and hot water services. During the past year there were 27 applications for standard grants, of these 21 applications were from owner occupiers and 6 from owners of tenanted houses. The number of grants approved was 27 and the number completed 29. Total amount of grants paid £4,470.

During the year the Council agreed to grant loans in exceptional cases to owners unable to raise their share of the cost of improvement works. To date few applications have been received for such loans.

No applications for Certificate of Disrepair under the Rent Control Act 1957 were received.

### Qualification Certificates

The Housing Act, 1969 which came into operation in August of that year introduced a method of converting controlled tenancies into regulated tenancies. In order for this conversion to take place the house must satisfy the qualifying conditions laid down in the Act. These are briefly as follows:

1. The house must be provided with all the standard amenities freely available for the use of the occupier.
2. That the dwelling is in good repair having regard to its age, character and locality, and disregarding internal decorative repair.
3. The dwelling is fit in all other respects for human habitation.

Under the procedure laid down in the Act the landlord must make

application to the Local Authority for a Qualification Certificate and if the Local Authority are satisfied that the house satisfies the qualifying conditions mentioned above, then a Qualification Certificate is issued.

During the year a total of 87 applications have been received, and of these only 22 have been recommended for approval. The main reason for not issuing a Certificate is that the houses upon inspection have been found to be in need of repair. In all cases the owners have agreed to carry out the repairs in order to satisfy the qualifying conditions, and a Certificate will be issued when these repairs are completed.

The administrative work and time spent on these houses is considerable and the number of applications received is likely to increase next year. It is felt that in the long term the work involved will achieve a high standard of repair in tenanted houses affected by the Act and for this reason is well worthwhile.

#### New Houses Erected (Traditional Permanent)

|                          | 1968   |       | 1969   | 1970   |       |
|--------------------------|--------|-------|--------|--------|-------|
|                          | Houses | Flats | Houses | Houses | Flats |
| Other bodies and persons | 729    | -     | 630    | 392    | -     |
| Local Authority          | -      | -     | -      | -      | 111   |
| Other Local Authorities  | 23     | 12    | 48     | 153    | -     |

#### Inspection of Existing Properties

##### 1. Inspection of Dwelling houses during the year:-

|  |      |
|--|------|
| (a) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts) ...                           | 1348 |
| (b) Number of inspections made for the purpose ...   | 875  |
| (c) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...       | Nil  |
| (d) Number of dwelling houses (exclusive of those referred to above) found not in all respects reasonably fit for human habitation ... | 224  |

##### 2. Remedy of Defects during the year without Service of Formal Notices:-

|   |     |
|---|-----|
| Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers ... | 141 |
|---|-----|

3. Action under Statutory Powers during the year:

(a) Proceedings under Section 9, 10, and 16 of the Housing Act, 1957:

(i) Number of dwelling houses in respect of which notices were served requiring repairs ... Nil

(ii) Number of dwelling houses which were rendered fit after service of formal notice:

By Owners ... Nil

By Local Authority in default of owners ... Nil

(b) Proceedings Under Public Health Acts:

(i) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... 317

(ii) Number of dwelling houses in which defects were remedied after service of formal notices:

By Owners ... 14

By Local Authority in default of owners ... Nil

(c) Proceedings under Housing Act, 1957 (Section 17)

(i) Number of dwelling houses in respect of which Demolition Orders were made ... Nil

(ii) Number of dwelling houses demolished in pursuance of Demolition Orders ... 4

(iii) Number of dwelling houses closed ... Nil

## SANITARY CIRCUMSTANCES OF THE AREA

### Water Supply

A piped supply of water extends throughout the area. The principal supplier is Warrington, Runcorn & District Water Board, but a small area of Cuerdley Parish is supplied by Liverpool Corporation.

| From Public Mains    |        |                           | From Private supplies, e.g. wells, springs etc. |                      |
|----------------------|--------|---------------------------|---|----------------------|
| PARISH               |        | Direct to houses          |   |                      |
|                      |        | Number of dwelling houses | Number of dwelling houses                       | Number of population |
| Burtonwood           | ... .. | 1511                      | -   | -                    |
| Croft                | ... .. | 785                       | -   | -                    |
| Cuerdley             | ... .. | 48                        | -   | -                    |
| Penketh              | ... .. | 3130                      | -   | -                    |
| Poulton              | ... .. | 2782                      | -   | -                    |
| Rixton               | ... .. | 655                       | -   | -                    |
| Sankey               | ... .. | 3222                      | -   | -                    |
| Winwick plus         |        |                           |   |                      |
| Mental Hospital      | ... .. | 883                       | -   | -                    |
| Woolston             | ... .. | 1779                      | -   | -                    |
| Total Whole District |        | 14795                     | -   | -                    |

The total number of samples of water taken for bacteriological examination during the year was as follows:

| Public Supply |              |                | Private Supplies<br>Industrial use only |              |                |
|---------------|--------------|----------------|---|--------------|----------------|
| No.           | Satisfactory | Unsatisfactory | No.                                     | Satisfactory | Unsatisfactory |
| 5             | 5            | -              | 19                                      | 12           | 7              |

### Rivers and Streams

The area is traversed from north to south by two main streams - Sankey Brook and the River Glaze. Across the southern boundary runs the River Mersey and eventual outlet for these streams. On the eastern side Padgate



Brook and Spittle Brook carry off most of the surface drainage from the Parishes of Croft, Poulton-with-Fearnhead and Woolston.

Sewerage schemes have been developed in the more urban parts of the area and a noticeable improvement has taken place in the streams. It is most essential that when pollution is reduced by the construction of proper sewerage schemes, new pollution is not allowed by development outside the scheme.

#### Drainage and Sewerage

The position with regard to sewerage schemes throughout the area is shown in the following table. There are 75 houses which still have a pail closet. These houses are situated where there is no sewer available and where it is unlikely there will be any development to warrant the high cost of providing a sewer. It may be possible in such cases to induce owners to take advantage of the increased standard grant available where septic tanks have to be installed.

| Parish                       | Sewers   | Conversions |
|------------------------------|--|-------------|
| Burtonwood and Collins Green | Completed  | Completed   |
| Croft                        | Completed  | Completed   |
| Cuerdley                     | Completed  | Completed   |
| Penketh                      | Completed  | Completed   |
| Poulton-with-Fearnhead       | Completed  | Completed   |
| Rixton                       | Completed  | Completed   |
| Glazebrook                   | Sewerage scheme to be connected to new works at Irlam U.D. | In Progress |
| Sankey                       | Completed  | Completed   |
| Winwick, Houghton Green      | Completed  | Completed   |
| Winwick, St. Oswalds         | Completed  | Completed   |
| Woolston                     | Completed  | Completed   |

#### Public Cleansing

The collection and disposal of refuse, together with ancillary functions is under the control of the Chief Public Health Inspector. The collection service, which is weekly, is carried out by the use of special-type rear loader compression, and forward and rearward tipping vehicles.

During the past few years there has been a marked increase in paper and a decrease in ash content of household refuse, and this has necessitated the introduction of compression of refuse during collection.

The collection of pail closets is carried out weekly. A detachable tank is mounted on rollers inside the body of a Karrier Bantam Refuse Vehicle. The number of pails has been systematically reduced by the installation of water closets to 111.

All workmen are provided with Protective Clothing and though this is by no means cheap it is a feature that is now a necessity if workmen are to be engaged in this class of work. A clean set of overalls is provided weekly.

The whole of the area is now serviced by polythene sacks. The polythene sacks are either fitted into a wall bracket, a free standing holder, or a plastic or galvanised iron bin.

It is rather surprising that many householders prefer to use the sack in the bin to using a sack holder, and in future plastic bins will be used instead of holders where replacements are required. Very few complaints are now received from householders regarding the polythene sack system.

The Amenity Block completed in October, 1965, in which there are showers, baths, lockers for clean and dry clothing; a room in which clothes can be dried, and a dining room and kitchen, continues to be extensively used by the men.

Throughout the year tipping was carried out at the Council's tips at Larkfield Avenue, Paddington, and Mill Lane, Winwick.

One of the most difficult problems of controlled tipping today is that of the large paper content in refuse, preventing paper being blown from the tipping site. The introduction of sacks has helped to combat this problem. As further precaution wire netting screens are provided.

The layout of new estates because of their long entrance approaches, tend to slow down the rate of refuse collection. This is more marked where dustbins are in use as the bin has to be collected and returned. In the case of sacks only one journey is necessary thus halving the labour time per house.

Twice weekly collections are made in special cases and in one instance a daily collection, for these services an additional charge is made.

The amount of litter illegally deposited on road verges and vacant sites has decreased this last year through the introduction of the disposal sites. Litter, besides despoiling the appearance of our country lanes, attracts flies and rats and involves the department in a good deal of work in cleaning up.

During the year 8 cars were left abandoned on vacant sites and were subsequently removed for breaking-up. Much time is spent making inquiries as to their ownership, but only in rare instances can the owner be traced.

### Statistics

| Machines employed:                    |     |     | No. |
|---------------------------------------|-----|-----|-----|
| Karrier Musketeer                     | ... | ... | 3   |
| Karrier Dual Tip, Diesel              | ... | ... | 7   |
| Karrier Bantam with "Derby" body      | ... | ... | 1   |
| Karrier Ramillies                     | ... | ... | 2   |
| Karrier Gamecock Multi-lift (16 tons) | ... | ... | 1   |
| Commer Van 7 cwt's                    | ... | ... | 1   |
| Commer Van 1 ton                      | ... | ... | 2   |
| Inp Van                               | ... | ... | 1   |
| Track Marshall Tractor                | ... | ... | 1   |
| Muir-Hill Tractor Shovel              | ... | ... | 1   |

| Workmen employed:        |     |     |    |
|--------------------------|-----|-----|----|
| Foreman                  | ... | ... | 1  |
| Transport Foreman        | ... | ... | 1  |
| Transport Fitter         | ... | ... | 1  |
| Loader Drivers           | ... | ... | 16 |
| Labourers, all classes   | ... | ... | 36 |
| Rodent Control Operators | ... | ... | 2  |

| Dustbins and Pails:                  |     |     |          |
|--------------------------------------|-----|-----|----------|
| Number of Dustbins provided          | ... | ... | 270      |
| Number of Pails provided             | ... | ... | 7        |
| Income from Trade Refuse Collections | ... | ... | £1908.97 |
| Income from Refuse Disposal          | ... | ... | £66.00   |

## Salvage

The direct collection of salvage has been confined solely to waste paper and cardboard from business premises. Due to the scattered nature of the area it is not considered that other materials could be separated and sold at a profit.

## Rodent Control

The recommendations of the Ministry of Agriculture, Fisheries and Food are pursued in this sphere of work. Two operators are engaged whole-time and the methods used are those recommended by the Ministry. Both the operators have undertaken special instruction courses organised by the Ministry.

All local authority properties, refuse tips, sewerage works, etc., were regularly inspected and treated. The sewers and sewer ditches were test-baited and treated where necessary.

On private properties treatment is carried out by agreement, some firms having an annual contract whereby the Council service the premises regularly. This is a much more satisfactory arrangement than waiting until the premises become infested. Again many firms employ private contractors to carry out this work.

Private houses are dealt with as a rate charge.

The number of farmers who have annual contracts with the local authority for the destruction of rats is 17.

The number of infestation treatments were as follows:

|                   | Major | Minor |
|-------------------|-------|-------|
| Business premises | -     | 180   |
| Private dwellings | -     | 666   |
| Local Authority   | -     | 167   |

In addition 261 manholes were test-baited.

## Atmospheric Pollution

Since the coming into operation of the Clean Air Act, 1956, industrial concerns have installed new boiler plant or modernised existing plant so that during the year little trouble was experienced from such chimneys.



During the year good progress was made with the smoke control programme. The following is a summary of the present position:

| <u>Designation</u> | <u>No. of Houses</u> | <u>Date Order Operative</u> |
|--------------------|----------------------|-----------------------------|
| No.1 Winwick       | 513                  | 1st October, 1969.          |
| No.2 Fearnhead     | 816                  | 1st November, 1969.         |
| No.3 Padgate       | 2,042                | 1st September, 1971.        |
| No.4 Great Sankey  | 1,300                | 1st April, 1972.            |

A fifth smoke control area is being surveyed in Woolston and is expected that an Order will be made in 1971.

#### Offensive Trades

There is one offensive trade in the area. The trades carried out are fat extraction, bone boiling and glue making. Complaints continue to be received of obnoxious smells from these works. During the year further works of improvement were carried out and plans have been submitted and approved for additional improvements to be carried out in the coming year.

To prevent fly breeding, the factory have a contract with the local authority whereby the whole of the premises are treated with insecticides. This system has proved very satisfactory.

#### Maggotoria

Premises in Risley used for breeding maggots for use as fish bait not legally an Offensive Trade, have been regularly visited to ensure that a reasonable standard of cleanliness and control is maintained.

This class of work takes up a surprising amount of inspectorial time particularly in the warmer months of the year, and yet it is only by maintaining regular and continued visits that satisfactory results are obtained.

#### Sanitary Accommodation of Houses

Conversions continue to be carried out where a sewer is available. The position at 31st December, was as follows:

W.C. Conversions completed at:

Croft and Risley    2 :            Cuerdley    1 :

Appropriate notices are being served on owners of properties where conversions can be made and fifty per cent of the approved cost paid in each case. Where owners carry out such work voluntarily, a similar grant is made. Grants paid towards the cost of conversions total £43.05.

The number of pails in use is:

|                  | Houses           | Caravans         | Other Premises  |
|------------------|------------------|------------------|-----------------|
| Burtonwood       | 8                | 7                | -               |
| Croft and Risley | 15               | 11               | -               |
| Poulton          | 9                | 4                | -               |
| Penketh          | 5                | -                | -               |
| Rixton           | 14               | 2                | -               |
| Sankey           | -                | 5                | 1               |
| Winwick          | 7                | 3                | -               |
| Woolston         | 4                | 3                | -               |
| Cuerdley         | 3                | -                | -               |
|                  | <u>75</u>        | <u>35</u>        | <u>1</u>        |
|                  | <u><u>75</u></u> | <u><u>35</u></u> | <u><u>1</u></u> |

# INDUSTRIAL AND COMMERCIAL CIRCUMSTANCES

\*\*\*\*\*

## Factories Act, 1961

There are 63 factories registered in the area, the principal ones being engaged in light engineering, wire rope making, plastics and brewing.

Particular attention has been paid to the standard of hygiene practised in the canteens. Some of these are maintained and run to the highest standards but in others constant supervision is necessary. A special approach is made to each manageress and staff to ensure that scrupulous attention is paid to personal hygiene. Circulars and posters have been provided for use within the canteens and kitchens.

Number of Canteens - 12

Good co-operation has existed with all factory managements and in no case has there been any necessity for statutory action on any of the matters for which the Local Authority is responsible.

## Administration of the Factories Act, 1961

### 1. Inspections for the purposes of provisions as to health:

| Premises  | Number<br>on<br>Regis-<br>ter | Number of   |                    |                         |
|---|-------------------------------|-------------|--------------------|-------------------------|
|   |                               | Inspections | Written<br>Notices | Occupiers<br>Prosecuted |
| (a) Factories in which sections 1,2,3,4, and 6 are to be enforced by Local Authorities                    | -                             | -           | -                  | -                       |
| (b) Factories not included in (a) in which section 7 is enforced by the Local Authority                   | 68                            | 188         | -                  | -                       |
| (c) Other premises in which section 7 is enforced by the Local Authority (excluding outworkers' premises) | -                             | -           | -                  | -                       |
| Total:  | 68                            | 188         | -                  | -                       |

2. Cases in which defects were found:

| Particulars                 | Number of cases in which defects were found |          |                   |                   | No. of cases in which prosecutions were instituted |
|-----------------------------|---|----------|-------------------|-------------------|--|
|                             | Found                                       | Remedied | Referred          |                   |  |
|                             |   |          | To H.M. Inspector | By H.M. Inspector |  |
| Want of Cleanliness (S.1)   | -   | -        | -                 | -                 | Nil  |
| San.conveniences (S.7)      |   |          |                   |                   |  |
| (a) Insuffioient            | -   | -        | -                 | -                 | Nil  |
| (b) Unsuitable or defective | -   | -        | -                 | -                 | Nil  |
| (c) Not separate for sexes  | -   | -        | -                 | -                 | Nil  |
| Total:                      | -   | -        | -                 | -                 | Nil  |

(b) Part VIII of the Act - Outwork:

| Nature of Work  | Section 133   |  |   | Section 134                                      |                |               |
|-----------------|---|--|---|--|----------------|---------------|
|                 | No. of out-workers in August list required by section 133 (1) (c) | No. of cases of default in sending list to the Council | No. of prosecutions for failure to supply lists | No. of instances of work in unwholesome premises | Notices Served | Pros-ecutions |
| Wearing Apparel | -   | -  | -   | -  | -              | -             |



## Offices, Shops and Railway Premises Act, 1963

This Act provides for the safety, health and welfare of persons employed in shops, offices and railway premises. The legal provisions are very similar to those required in the Factories Act and deal with cleanliness, overcrowding, temperature, ventilation, lighting, sanitary conveniences, washing facilities, drinking water, seats, safety of machinery, first aid and fire precautions. The enforcement of the Act is divided among several authorities.

It has not been found necessary to take statutory action to secure any of the requirements under the purview of the Council, all recommendations having been dealt with informally.

The following table shows the number of premises registered and inspections carried out:

|  |     |     |     |
|--|-----|-----|-----|
| Number of premises registered during the year                                | ... | ... | 1   |
| Total number of registered premises at end of year                           |     |     | 85  |
| Number of registered premises receiving a general inspection during the year | ... | ... | 85  |
| Number of informal notices served  | ... | ... | 9   |
| Number of notices complied with  | ... | ... | 9   |
| Number of prosecutions   | ... | ... | Nil |
| Number of accidents reported and investigated                                | ... | ... | 2   |

### SHOPS

| <u>Type of Business</u>     |     | <u>Number</u> |
|-----------------------------|-----|---------------|
| Grocers and Mixed General   | ... | 48            |
| Greengrocery and Fruiterers | ... | 14            |
| Butchers                    | ... | 11            |
| Fried Fish Shops            | ... | 10            |
| Cafes and Mobile Snack Bars | ... | 3             |
| Newsagents                  | ... | 15            |
| Hardware                    | ... | 9             |
| Drapers                     | ... | 5             |
| Hairdressers                | ... | 17            |
| Chemists                    | ... | 4             |
| Post Offices                | ... | 13            |
| Confectioners               | ... | 6             |
|                             |     | <u>155</u>    |

## Petroleum and Carbide Storage

The number of Licences issued for the storage of Petroleum and Carbide of Calcium are as follows:

|                                       |     |            |
|---------------------------------------|-----|------------|
| Number of Licences to store petroleum | ... | 64         |
| Number of gallons of storage capacity | ... | 135,037    |
| Number of Licences to store Carbide   | ... | 2          |
| Total amount of Carbide permitted     | ... | 1,344 lbs. |

|  |   |
|--|---|
| Number of Licences to store other spirits .. | 6 |
|--|---|

Total amount of Fees paid:

|                    |     |                |
|--------------------|-----|----------------|
| Petroleum          | ... | £226.00        |
| Carbide of Calcium | ... | £ 0.75         |
| Cellulose          | ... | £ 6.00         |
|                    |     | <u>£232.75</u> |

Licences for the storage of petroleum and carbide are renewed at the beginning of each year. Inspections have been made with particular attention to new premises and the testing of underground storage tanks at the older petrol stations.

In order to conform with the Home Office Model Code and the Code of Practice issued by the Association for Petroleum Acts Administration occupiers of all licensed premises are required to obtain a certificate from a suitably qualified electrical engineer, certifying that all electrical apparatus complies with the Regulations.

# SUMMARY OF PUBLIC HEALTH INSPECTORS' VISITS

\*\*\*\*\*

|                                      |     |     |     |     |     |     |       |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-------|
| Water Supply                         | ... | ... | ... | ... | ... | ... | 27    |
| Drainage                             | ... | ... | ... | ... | ... | ... | 552   |
| Stables and Piggeries                | ... | ... | ... | ... | ... | ... | 27    |
| Offensive Trades                     | ... | ... | ... | ... | ... | ... | 81    |
| Petrol Installations                 | ... | ... | ... | ... | ... | ... | 272   |
| Hairdressers and Barbers             | ... | ... | ... | ... | ... | ... | 6     |
| Caravan Sites                        | ... | ... | ... | ... | ... | ... | 131   |
| Factories                            | ... | ... | ... | ... | ... | ... | 188   |
| Licensed Premises                    | ... | ... | ... | ... | ... | ... | 19    |
| Shops                                | ... | ... | ... | ... | ... | ... | 580   |
| Refuse Collection and Disposal       | ... | ... | ... | ... | ... | ... | 697   |
| Pest Control                         | ... | ... | ... | ... | ... | ... | 521   |
| Atmospheric Pollution                | ... | ... | ... | ... | ... | ... | 773   |
| Schools                              | ... | ... | ... | ... | ... | ... | 30    |
| Office, Shops and Railway Premises   | ... | ... | ... | ... | ... | ... | 164   |
| Noise Abatement                      | ... | ... | ... | ... | ... | ... | 148   |
| Clean Air                            | ... | ... | ... | ... | ... | ... | 4,807 |
| Civic Amenities Act                  | ... | ... | ... | ... | ... | ... | 68    |
| Theatres and Places of Entertainment | ... | ... | ... | ... | ... | ... | 2     |
| Standard Grants                      | ... | ... | ... | ... | ... | ... | 31    |
| Miscellaneous Visits                 | ... | ... | ... | ... | ... | ... | 557   |
| Animal Boarding Establishments       | ... | ... | ... | ... | ... | ... | 11    |

## Under Public Health Acts

|                             |     |     |     |     |     |     |
|-----------------------------|-----|-----|-----|-----|-----|-----|
| Number of houses inspected  | ... | ... | ... | ... | ... | 837 |
| Visits paid to above houses | ... | ... | ... | ... | ... | 506 |

## Under Housing Acts

|                             |     |     |     |     |     |     |
|-----------------------------|-----|-----|-----|-----|-----|-----|
| Number of houses inspected  | ... | ... | ... | ... | ... | 513 |
| Visits paid to above houses | ... | ... | ... | ... | ... | 396 |
| Standard Grants             | ... | ... | ... | ... | ... | 96  |

## Overcrowding

|                             |     |     |     |     |     |   |
|-----------------------------|-----|-----|-----|-----|-----|---|
| Number of houses inspected  | ... | ... | ... | ... | ... | 2 |
| Visits paid to above houses | ... | ... | ... | ... | ... | 2 |

## Verminous Premises

|                              |     |     |     |     |     |     |
|------------------------------|-----|-----|-----|-----|-----|-----|
| Number of houses inspected   | ... | ... | ... | ... | ... | 10  |
| Visits paid to above houses  | ... | ... | ... | ... | ... | 8   |
| Miscellaneous Housing Visits | ... | ... | ... | ... | ... | 288 |

### Infectious Disease

|   |     |     |     |     |     |    |
|---|-----|-----|-----|-----|-----|----|
| Inquiries in Cases of I.D.              | ... | ... | ... | ... | ... | 75 |
| Visits re: Disinfection                 | ... | ... | ... | ... | ... | 4  |
| Miscellaneous Infectious Disease Visits | ... | ... | ... | ... | ... | 18 |

### Inspection of Meat and Other Foods

|                                   |     |     |     |     |     |     |
|-----------------------------------|-----|-----|-----|-----|-----|-----|
| Visits to: Slaughterhouses        | ... | ... | ... | ... | ... | 805 |
| Bakers and Confectioners          | ... | ... | ... | ... | ... | 133 |
| Butchers                          | ... | ... | ... | ... | ... | 54  |
| Canteens                          | ... | ... | ... | ... | ... | 111 |
| Dairies and Milk Distributors     | ... | ... | ... | ... | ... | 17  |
| Fishmongers and Poulterers        | ... | ... | ... | ... | ... | 3   |
| Food preparing premises           | ... | ... | ... | ... | ... | 131 |
| Fried Fish Shops                  | ... | ... | ... | ... | ... | 23  |
| Grocers                           | ... | ... | ... | ... | ... | 276 |
| Greengrocers and fruiterers       | ... | ... | ... | ... | ... | 22  |
| Ice-Cream premises                | ... | ... | ... | ... | ... | 71  |
| Restaurants                       | ... | ... | ... | ... | ... | 3   |
| Street Vendors and Hawkers' Carts | ... | ... | ... | ... | ... | 6   |
| Wholesalers                       | ... | ... | ... | ... | ... | 14  |
| Schools                           | ... | ... | ... | ... | ... | 25  |
| Clubs                             | ... | ... | ... | ... | ... | 1   |
| Licensed Premises                 | ... | ... | ... | ... | ... | 25  |

#### Visits in connection with Sampling of:

|                           |     |     |     |     |     |    |
|---------------------------|-----|-----|-----|-----|-----|----|
| Milk                      | ... | ... | ... | ... | ... | 90 |
| Ice-Cream                 | ... | ... | ... | ... | ... | 8  |
| Other Items               | ... | ... | ... | ... | ... | 19 |
| Miscellaneous Food Visits | ... | ... | ... | ... | ... | 67 |
| Delivery Vans             | ... | ... | ... | ... | ... | 95 |





